

Amendments to the Claims:

Please amend Claims 1 through 13, 15 through 17, 20 through 30, and 32 through 40 to read, as follows.

1. **(Currently Amended)** An image forming apparatus comprising:
 - a first developing agent storing section which stores toner;
 - a toner replenishing member for supplying the toner stored in said first developing agent storing section to a second developing agent storing section;
 - a density detector for detecting a toner density in said second developing agent storing section; and
 - a controller which controls an operation of said toner replenishing member on the basis of information relating to a detected toner density, information relating to about an amount of toner used in said first developing agent storing section and information relating to about fluidity of the toner.
2. **(Currently Amended)** The apparatus according to claim 1, further comprising wherein ~~the apparatus further comprises~~ a storage section which ~~stores~~ information about toner, ~~said storage section stores~~ information relating to a ~~about~~ toner replenishing amount per unit rotation of said toner replenishing member in accordance with the information relating to about the amount of toner used in said first developing agent storing section and information relating to about the fluidity of the toner,

wherein [[and]] said controller calculates a [[the]] number of times of operation of said toner replenishing member on the basis of the toner replenishing amount per unit rotation.

3. **(Currently Amended)** The apparatus according to claim 2, wherein said controller calculates a total amount of toner a developing agent used in said first developing agent storing section on the basis of the number of times of operation of said toner replenishing member.

4. **(Currently Amended)** The apparatus according to claim 3, wherein said controller determines a state of an amount of the toner in said first developing agent storing section by comparing the [[a]] total amount of toner used in said first developing agent storing section with a predetermined threshold value.

5. **(Currently Amended)** The apparatus according to claim 4, further comprising a notification unit configured to notify a user of the image forming apparatus of a determination result of obtained in said controller.

6. **(Currently Amended)** The apparatus according to claim 4, wherein an image forming operation of the image forming apparatus is stopped when said controller determines that the total amount of the toner used in said first developing agent storing section reaches the predetermined threshold value.

7. **(Currently Amended)** The apparatus according to claim 1, further comprising
~~wherein, the apparatus further comprises~~ an environment detecting section which
detects an environment in a main body of the apparatus, and
wherein the information relating to about the fluidity of the toner comprises
information relating to a detected about the environment in the main body of the apparatus
which is detected by the environment detecting section.

8. **(Currently Amended)** The apparatus according to claim 1, wherein said first
developing agent storing section and toner replenishing member constitute a toner
replenishing container which is integrally formed and detachable from a main body of the
image forming apparatus.

9. **(Currently Amended)** The apparatus according to claim 2, wherein said first
developing agent storing section, said toner replenishing member, and said storage section
constitute a toner replenishing container which is integrally formed and detachable from a
main body of the image forming apparatus.

10. **(Currently Amended)** A method of controlling an image forming apparatus
comprising a first developing agent storing section which stores toner, toner and a toner
replenishing member for supplying the toner in the first developing agent storing section to
a second developing agent storing section and a density detector for detecting a toner
density in the second developing agent storing section, the method comprising:

a use amount determination step of determining an amount of toner used in the first developing agent storing section; and
an operation control step of controlling an operation of the toner replenishing member on the basis of information relating to about the amount of toner used determined in said [[the]] use amount determination step and information relating to about fluidity of the toner.

11. **(Currently Amended)** The method according to claim 10, further comprising wherein

~~the method further comprises~~ a detection step of detecting an environment in a main body of the apparatus, and
the information relating to about the fluidity of the toner includes comprises information relating to a detected about the environment in the main body of the apparatus which is detected in said [[the]] detection step.

12. **(Currently Amended)** The method according to claim 10, further comprising a toner replenishing amount determination step of determining a toner replenishing amount per unit rotation of the toner replenishing member on the basis of the amount of a developing agent used determined in said the developing agent use amount determination step and the information relating to about the fluidity of the toner stored stored in a storage section.

13. **(Currently Amended)** The method according to claim 12, further comprising a number of rotations calculation step of calculating a [[the]] number of times of operation of the toner replenishing member on the basis of the toner replenishing amount per unit rotation determined in said [[the]] toner replenishing amount determination step.

14. **(Currently Amended)** The method according to claim 13, further comprising a toner total use amount calculation step of calculating a total amount of toner used in the first developing agent storing section on the basis of the number of times of operation of the toner replenishing member calculated in said [[the]] number of rotations calculation step.

15. **(Currently Amended)** The method according to claim 14, further comprising a determination step of determining a state of an amount of the toner in the first developing agent storing section from the total [[use]] amount of toner used in the first developing storage section and a predetermined threshold value.

16. **(Currently Amended)** The method according to claim 15, further comprising a notification step of notifying a user of the ~~image-forming~~ apparatus of a determination result of said in the determination step.

17. **(Currently Amended)** The method according to claim 15, further comprising a stopping step of stopping an ~~wherein~~ image-forming operation of the ~~image-forming~~ apparatus ~~is stopped~~ when it is determined in said [[the]] determination step that the total

[[use]] amount of toner used in the first developing storage section reaches the predetermined threshold value.

18. **(Original)** A control program for an image forming apparatus, causing a computer to execute a control method for the image forming apparatus which is defined in claim 10.

19. **(Original)** A computer-readable information storage medium storing a control program for an image forming apparatus which is defined in claim 10.

20. **(Currently Amended)** A developing agent replenishing container which is detachable from an image forming apparatus, the container comprising:

- a developing agent storing section which stores toner;
- a toner replenishing member for supplying the toner to a main body of the image forming apparatus; and
- a storage section which stores information relating to about the toner,
wherein said storage section includes comprises a region which stores information for controlling an operation of a developing agent replenishing member on the basis of information relating to a toner density detected by a density detector in a main body of the apparatus, information relating to about an amount of toner used in said developing agent storing section and information relating to about fluidity of the toner.

21. **(Currently Amended)** The container according to claim 20, wherein the information for controlling the operation of the developing agent replenishing member includes comprises information relating to a about toner replenishing amount per unit rotation of said toner replenishing member in accordance with the information relating to about the amount of the toner used in said developing agent storing section and information relating to about the fluidity of the toner.

22. **(Currently Amended)** The container according to claim 20, wherein said storage section includes further comprises a region which stores the information relating to about the amount of the toner used in said developing agent storing section.

23. **(Currently Amended)** A memory unit mounted in a developing agent replenishing container for use in an image forming apparatus including apparatus, wherein the image forming apparatus comprises a first developing agent storing section which stores a developing agent and a toner replenishing member for supplying toner to a second developing agent storing section, and a density detector for detecting a toner density in the second developing agent storing section, [[and]]

the memory unit comprises: comprises a region which stores information for controlling an operation of the toner replenishing member on the basis of information relating to the toner density in the second developing agent storing section, information relating to about an amount of toner used in the first developing agent storing section and information relating to about fluidity of the toner.

24. (Currently Amended) The memory unit according to claim 23, wherein,
the image forming apparatus further includes comprises an environment detecting
section which detects an environment in the ~~image forming~~ apparatus, and
the information relating to about the fluidity of the toner includes comprises
information relating to about the detected environment in the apparatus which is detected
by the environment detecting section.

25. (Currently Amended) The memory unit according to claim 23, wherein the
information for controlling the operation of the toner replenishing member includes
comprises information relating to a about toner replenishing amount per unit rotation of the
toner replenishing member in accordance with the information relating to about the amount
of the toner used in the first developing storage section and information relating to about
the fluidity of the toner.

26. (Currently Amended) The memory unit according to claim 23, further
comprising a region which stores the information relating to about the amount of the toner
used in the first developing storage section. used.

27. (Currently Amended) The memory unit according to claim 23, further
comprising a communication section for communicating with a main body of the ~~image~~
~~forming~~ apparatus.

28. **(Currently Amended)** An image forming apparatus which has a detachable cartridge comprising a first developing agent storing section which stores toner, a toner replenishing member for supplying the toner in the first developing agent storing section to an image forming section, a storage section which stores information relating to conveyability information of the toner, the apparatus comprising: comprising a controller which controls an operation of the toner replenishing member on the basis of the conveyability information, according to information relating to an amount of toner used in the first developing agent storing section and information relating to fluidity of the toner information stored in the [[said]] storage section.

29. **(Currently Amended)** The apparatus according to claim 28, wherein wherein, the conveyability information includes information relating to a about toner replenishing amount per unit rotation of the toner replenishing member in accordance with information relating to the about an amount of toner used in the first developing agent storing section and information relating to the about fluidity of the toner, and said controller calculates a [[the]] number of times of operation of the toner replenishing member on the basis of the toner replenishing amount per unit rotation.

30. **(Currently Amended)** The apparatus according to claim 29, wherein said controller also calculates a total amount of toner used in the first developing agent storing section on the basis of the number of times of operation of the toner replenishing member.

31. **(Original)** The apparatus according to claim 30, wherein said controller determines a state of an amount of the toner in the first developing agent storing section by comparing the total amount of toner used in the first developing agent storing section with a predetermined threshold value.

32. **(Currently Amended)** The apparatus according to claim 29, further comprising wherein,

the apparatus ~~further comprises~~ an environment detecting section which detects an environment in a main body of the apparatus, and

wherein the information relating to about the fluidity of the toner includes ~~comprises~~ information relating to about the detected environment in the main body of the apparatus which is detected by said [[the]] environment detecting section.

33. **(Currently Amended)** A developing agent replenishing container which is detachable from an image forming apparatus, the container comprising:

a developing agent storing section which stores toner;
a toner replenishing member for supplying the toner to a main body of the ~~image~~ forming apparatus; and
a storage section which stores information relating to about the toner,
wherein said storage section includes ~~comprises~~ a region which stores conveyability information of the toner according to information relating to an amount of toner used in said first developing agent storing section and information relating to fluidity of the toner. ~~in said developing agent storing section.~~

34. **(Currently Amended)** The container according to claim 33, wherein the conveyability information of the toner includes comprises information relating to a about toner replenishing amount per unit rotation of said toner replenishing member in accordance with information relating to the ~~about~~^{an} amount of toner used and information relating to the ~~about~~ fluidity of the toner.

35. **(Currently Amended)** The container according to claim 33, wherein said storage section includes further comprises a region which stores information relating to the ~~about~~^{an} amount of the toner used in said developing agent storing section.

36. **(Currently Amended)** A memory unit mounted in a developing agent replenishing container for use in an image forming apparatus including apparatus, wherein, the image forming apparatus comprises a first developing agent storing section which stores a developing agent and a toner replenishing member for supplying toner to an image forming section, [[and]]

the memory unit comprising: comprises a region which stores conveyability information of toner according to information relating to an amount of toner used in said first developing agent storing and information relating to fluidity of the toner. in the first developing agent storing section:

37. **(Currently Amended)** The memory unit according to claim 33, wherein the conveyability information of the toner includes comprises information relating to a about toner replenishing amount per unit rotation of the toner replenishing member in accordance

with information relating to the about an amount of toner used in the first developing agent storing section and information relating to the about fluidity of the toner.

38. **(Currently Amended)** The memory unit according to claim 37, wherein,
the image forming apparatus further comprises an environment detecting section
which detects an environment in the image forming apparatus, and
wherein the information relating to about the fluidity of the toner comprises
information relating to about the detected environment in the apparatus which is detected
by the environment detecting section.

39. **(Currently Amended)** The memory unit according to claim 36, further
comprising a region which stores the information relating to about the amount of the toner
used in the first developing storage section. used.

40. **(Currently Amended)** The memory unit according to claim 36, further
comprising a communication section for communicating with a main body of the image
forming apparatus.